

ABSTRACT OF THE DISCLOSURE

- 5 This invention is directed to APE-free polymer binders formed by emulsion polymerization and having specific peel and cure properties. The APE-free polymeric binders have a peel value, when adhered to a heated metal surface, of 35 % to 200 % of the peel value shown by a standard APE-based polymer binder control (i.e., AIRFLEX® 105 vinyl acetate-ethylene polymer emulsion) and exhibit a cure profile such that at least
- 10 55 % cure is achieved within 30 seconds at a temperature required for cure. Wet tensile strength is used as a measure of cure. The peel value is determined by a modified release and adhesion test. Binders having the peel and cure properties described herein can be considered for use in crepe processes, especially DRC processes.